J. Electroanal. Chem., 262 (1989) 303
Elsevier Sequoia S.A., Lausanne – Printed in The Netherlands

Author index

Abrantes, L.M. 45, 55
Aldaz, A. 251
Anastopoulos, A. 235
Aoki, K. 211

Balasubramanian, K.K. 221
Beden, B. 251
Bessiere, J. 131
Boughriet, A. 183
Bowyer, W.J. 67
Brett, C.M.A. 83

Chlihi, K. 131
Christodoulou, A. 235

Daschbach, J. 45, 55
Desilvestro, J. 289
Dryhurst, G. 281
Dyrssen, D. 161

Engelman, E.E. 67
Eskilsson, H. 161
Esteso, M.A. 97
Evans, D.H. 67
Evans, J. 119

Fanelli, N. 35
Fernandez-Merida, L. 97
Fleischmann, M. 45, 55

Gibbs, T.K. 119
Gonzalez-Diaz, O.M. 97

Hahn, F. 251
Haraldsson, C. 161
Harrison, D.J. 145
Hawkins, M. 45, 55
Hernandez-Luis, F.F. 97

Ito, A. 105

Johnson, D.C. 167

Kankare, J. 297
Karolczak, M. 263, 277
Kita, H. 195
Kosonen, J. 297
Kunimatsu, K. 195

Lamy, C. 251
Larew, L.A. 167
Li, L.J. 45, 55
Lukkari, J. 297

Mailhe-Randolph, C. 289

Okazaki, S. 105
Oliviera Brett, A.M.C.F. 83

Pajunen, T. 297
Perez, J.M. 251
Pletcher, D. 119
Pons, J.W. 45, 55
Pons, S. 45, 55
Pospíšil, L. 35
Poulios, I. 235
Pritzker, M.D. 15

Roussy, G. 131

Saiganesh, R. 221
Sakamoto, I. 105
Salié, G. 1
Shigematsu, Y. 195
Shiu, K.-K. 145
Subramanian, P. 281
Sugiyama, K. 211

Thiebaut, J.M. 131

Uosaki, K. 195

Venkatachalam, C.S. 221
Visy, C. 297

Warburton, P.R.G. 119
Wartel, M. 183

Zálíš, S. 35

J. Electroanal. Chem., 262 (1989) 304–306
Elsevier Sequoia S.A., Lausanne – Printed in The Netherlands

Subject index

Acetonitrile,
solvation of the chloride ion in mixtures of ——— with water and ethanol (Sakamoto et al.) 105
Adsorbed intermediates,
on the phenomenological description of electrochemical reactions with ———. Relations between kinetic parameters in measurements with first-order perturbations (impedance measurements) (Salié) 1
Adsorption reaction,
analytical solution for the current response to a potential step for a multilayer ——— (Pritzker) 15
Alizarin derivatives,
mass transport effects in electroanalysis of La^{3+} with ——— at quaternized polyvinylpyridine modified electrodes (Shiu, Harrison) 145
Amalgamated metals,
chemical oxidation of ——— by oxygen (Dyrssen et al.) 161
Aniline,
morphology of electropolymerized ——— films modified by *para*-phenylenediamine (Mailhe-Randolph, Desilvestro) 289
Aromatic nitration,
mechanistic and energetic aspects of ——— with NO_2^+ in sulfolane (Boughriet, Wartel) 183
Arsenic compounds,
effect of adsorbed neutral and ionic phenyl-substituted ——— on ion-transfer and electron-transfer reactions (Anastopoulos et al.) 235

Bis(1,10-phenanthroline) cuprous complex,
catalytic reactions of ——— with hydrogen peroxide at glassy carbon and pyrolytic graphite electrodes (Sugiyama, Aoki) 211
Blende,
Dielectric study of the activation of ——— with cupric ions (Thiebaut et al.) 131

Carbon dioxide,
new electrochemical sensor for ———. Part 2. Study of the sensor chemistry (Evans et al.) 119
Chloride ion,
solvation of the ——— ion in mixtures of acetonitrile with water and ethanol (Sakamoto et al.) 105
4-Chloro-3-formyl-2H(1)-benzopyrans,
electrohydrodimerization of ——— in ethanolic solutions. A comparative study (Saiganesh et al.) 221
Compact layers,
growth of ——— at the electrode interface. Part III. Monte Carlo simulations of the formation of fractal structures by diffusion-limited aggregation (Fanelli et al.) 35
Cupric ions,
dielectric study of the activation of blende with ——— (Thiebaut et al.) 131
Current response,
analytical solution for the ——— to a potential step for a multilayer adsorption reaction (Pritzker) 15

5-[3′-(7′,9′-Dimethyluric acid)]-7,9-dimethyl-$\Delta^{3,4}$-isouric acid,
isolation and characterization of ———. An unstable product of electrochemical oxidation of 7,9-dimethyluric acid (Subramanian, Dryhurst) 281
7,9-Dimethyluric acid,
isolation and characterization of 5-[3′-(7′,9′-dimethyluric acid)]-7,9-dimethyl-$\Delta^{3,4}$-isouric acid. An unstable product of electrochemical oxidation of ——— (Subramanian, Dryhurst) 281

Electrosorption,
an application of the universal functional group activity coefficient model to ——— (Karolczak) 263
Ethanol,
electrohydrodimerization of 4-chloro-3-formyl-2H(1)-benzopyrans in ethanolic solutions. A comparative study (Saiganesh et al.) 221
"In situ" infrared reflectance spectroscopic study of the early stages of ——— adsorption at a platinum electrode in acid medium (Perez et al.) 251

Solvation of the chloride ion in mixtures of acetonitrile with water and ——— (Sakamoto et al.) 105

Ferri/ferrocyanide,
study of the ——— redox system on Pt by EMIRS. Part I. Infrared spectra of the intermediates in the charge transfer (Kunimatsu et al.) 195
Fractal structures,
growth of compact layers at the electrode interface. Part III. Monte Carlo simulations of the formation of ——— by diffusion-limited aggregation (Fanelli et al.) 35
Functional group,
an application of the universal ——— activity coefficient model to electrosorption (Karolczak) 263

Glassy carbon,
catalytic reactions of bis(1,10-phenanthroline) cuprous complex with hydrogen peroxide at ——— and pyrolytic graphite electrodes (Sugiyama, Aoki) 211
Glucose,
concentration dependence of the mechanism of ——— oxidation at gold electrodes in alkaline media (Larew, Johnson) 167
Gold,
concentration dependence of the mechanism of glucose oxidation at ——— electrodes in alkaline media (Larew, Johnson) 167

Hydrodynamic electrodes,
dc anodic stripping voltammetry at mercury thin film electrodes: the shape and position of the stripping peaks at ——— (Brett, Oliviera Brett) 83
Hydrogen peroxide,
catalytic reactions of bis(1,10-phenanthroline) cuprous complex with ——— at glassy carbon and pyrolytic graphite electrodes (Sugiyama, Aoki) 211

Impedance measurements,
on the phenomenological description of electrochemical reactions with adsorbed intermediates. Relations between kinetic parameters in measurements with first-order perturbations (———) (Salié) 1

Kinetic parameters,
on the phenomenological description of electrochemical reactions with adsorbed intermediates. Relations between ——— in measurements with first-order perturbations (impedance measurements) (Salié) 1
Kinetic studies,
——— by cyclic voltammetry at low temperatures using microelectrodes (Bowyer et al.) 67

Lanthanide ion,
mass transport effects in electroanalysis of ——— with alizarin derivatives at quaternized polyvinylpyridine modified electrodes (Shiu, Harrison) 145
Low temperatures,
kinetic studies by cyclic voltammetry at ——— using microelectrodes (Bowyer et al.) 67

Mercury,
dc anodic stripping voltammetry at ——— thin film electrodes: the shape and position of the stripping peaks at hydrodynamic electrodes (Brett, Oliviera Brett) 83
Microdisk electrodes,
behavior of ——— and microring electrodes. The chronoamperometric response at microdisk and microring electrodes (Li et al.) 45
Behavior of ———. Chronopotentiometry and linear sweep voltammetric experiments (Abrantes et al.) 55
Microelectrodes,
kinetic studies by cyclic voltammetry at low temperatures using ——— (Bowyer et al.) 67
Microring electrodes,
behavior of microdisk and ———. The chronoamperometric response at microdisk and microring electrodes (Li et al.) 45
Monte Carlo simulations,
growth of compact layers at the electrode interface. Part III. ——— of the formation of fractal structures by diffusion-limited aggregation (Fanelli et al.) 35
Multilayer adsorption reaction,
analytical solution for the current response to a potential step for a ——— (Pritzker) 15

Nitronium ion,
mechanistic and energetic aspects of aromatic nitration with ——— in sulfolane (Boughriet, Wartel) 183

Oxygen,
chemical oxidation of amalgamated metals by ——— (Dyrssen et al.) 161

para-Phenylenediamine,
morphology of electropolymerized aniline films modified by ——— (Mailhe-Randolph, Desilvestro) 289

Phenyl-substituted arsenic compounds,
effect of adsorbed neutral and ionic ——— on ion-transfer and electron-transfer reactions (Anastopoulos et al.) 235
Platinum,
"in situ" infrared reflectance spectroscopic study of the early stages of ethanol adsorption at a ——— electrode in acid medium (Perez et al.) 251
Study of the $Fe(CN)_6^{3-}/Fe(CN)_6^{4-}$ redox system on ——— by EMIRS. Part I. Infrared spectra of the intermediates in the charge transfer (Kunimatsu et al.) 195
Poly-3-methylthiophene,
spectroscopic evidence for the existence of long-lived intermediates during the electrochemical transformation of ——— (Visy et al.) 297
Polyvinylpyridine,
mass transport effects in electroanalysis of La^{3+} with alizarin derivatives at quaternized ——— modified electrodes (Shiu, Harrison) 145
Pyrolytic graphite,
catalytic reactions of bis(1,10-phenanthroline) cuprous complex with hydrogen peroxide at glassy carbon and ——— electrodes (Sugiyama, Aoki) 211

Sulfolane,
mechanistic and energetic aspects of aromatic nitration with NO_2^+ in ——— (Boughriet, Wartel) 183
Surface equation of state,
alternative interpretation of the ——— (Karolczak) 277

Transference numbers,
——— for aqueous solutions of trichloroacetic acid (HTCA) at 25°C by the emf method (Esteso et al.) 97
Trichloroacetic acid,
transference numbers for aqueous solutions of ——— (HTCA) at 25°C by the emf method (Esteso et al.) 97

Universal functional group activity coefficient model,
application of the ——— to electrosorption (Karolczak) 263